

Genoveffa Nuzzo

List of Publications by Year in descending order

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59
papers

1,091
citations

471509

17
h-index

454955

30
g-index

61
all docs

61
docs citations

61
times ranked

1487
citing authors

#	ARTICLE	IF	CITATIONS
1	The green microalga <i>Tetraselmis suecica</i> reduces oxidative stress and induces repairing mechanisms in human cells. <i>Scientific Reports</i> , 2017, 7, 41215.	3.3	88
2	Development and Application of a Novel SPE-Method for Bioassay-Guided Fractionation of Marine Extracts. <i>Marine Drugs</i> , 2015, 13, 5736-5749.	4.6	59
3	Antifungal Amphidinol 18 and Its 7-Sulfate Derivative from the Marine Dinoflagellate <i>Amphidinium carterae</i> . <i>Journal of Natural Products</i> , 2014, 77, 1524-1527.	3.0	57
4	Composition and Quantitation of Microalgal Lipids by ERETIC 1H NMR Method. <i>Marine Drugs</i> , 2013, 11, 3742-3753.	4.6	56
5	Autoinhibitory sterol sulfates mediate programmed cell death in a bloom-forming marine diatom. <i>Nature Communications</i> , 2017, 8, 1292.	12.8	55
6	Immuno-Modulatory and Anti-Inflammatory Effects of Dihydrogracilin A, a Terpene Derived from the Marine Sponge <i>Dendrilla membranosa</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 1643.	4.1	48
7	Profiling of complex lipids in marine microalgae by UHPLC/tandem mass spectrometry. <i>Algal Research</i> , 2016, 17, 348-358.	4.6	47
8	A new marine-derived sulfoglycolipid triggers dendritic cell activation and immune adjuvant response. <i>Scientific Reports</i> , 2017, 7, 6286.	3.3	46
9	<i>In Vitro</i> Pharmacological and Toxicological Effects of Norterpene Peroxides Isolated from the Red Sea Sponge <i>Diacarnus erythraeanus</i> on Normal and Cancer Cells. <i>Journal of Natural Products</i> , 2013, 76, 1541-1547.	3.0	43
10	Fulvynes, antimicrobial polyoxygenated acetylenes from the Mediterranean sponge <i>Haliclona fulva</i> . <i>Tetrahedron</i> , 2012, 68, 754-760.	1.9	39
11	Toxigenic effects of two benthic diatoms upon grazing activity of the sea urchin: morphological, metabolomic and de novo transcriptomic analysis. <i>Scientific Reports</i> , 2018, 8, 5622.	3.3	28
12	The Missing Piece in Biosynthesis of Amphidinols: First Evidence of Glycolate as a Starter Unit in New Polyketides from <i>Amphidinium carterae</i> . <i>Marine Drugs</i> , 2017, 15, 157.	4.6	27
13	Chemistry of the Nudibranch <i>Aldisa andersoni</i> : Structure and Biological Activity of Phorbazole Metabolites. <i>Marine Drugs</i> , 2012, 10, 1799-1811.	4.6	25
14	Diatoms synthesize sterols by inclusion of animal and fungal genes in the plant pathway. <i>Scientific Reports</i> , 2020, 10, 4204.	3.3	21
15	Crucigasterins A-E, antimicrobial amino alcohols from the Mediterranean colonial ascidian <i>Pseudodistoma crucigaster</i> . <i>Tetrahedron</i> , 2010, 66, 7533-7538.	1.9	20
16	Effect of Cultivation Parameters on Fermentation and Hydrogen Production in the Phylum Thermotogae. <i>International Journal of Molecular Sciences</i> , 2021, 22, 341.	4.1	20
17	Mycalol: A Natural Lipid with Promising Cytotoxic Properties against Human Anaplastic Thyroid Carcinoma Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9256-9260.	13.8	19
18	The Marine Dinoflagellate <i>Alexandrium minutum</i> Activates a Mitophagic Pathway in Human Lung Cancer Cells. <i>Marine Drugs</i> , 2018, 16, 502.	4.6	19

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19	Sphingosine Kinases promote IL-17 expression in human T lymphocytes. <i>Scientific Reports</i> , 2018, 8, 13233.	3.3	18
20	Lipoxygenases and Lipoxygenase Products in Marine Diatoms. <i>Methods in Enzymology</i> , 2018, 605, 69-100.	1.0	18
21	Autotrophic vs. Heterotrophic Cultivation of the Marine Diatom <i>Cyclotella cryptica</i> for EPA Production. <i>Marine Drugs</i> , 2021, 19, 355.	4.6	18
22	Antitumor Potential of Immunomodulatory Natural Products. <i>Marine Drugs</i> , 2022, 20, 386.	4.6	18
23	UPLC-MS/MS Identification of Sterol Sulfates in Marine Diatoms. <i>Marine Drugs</i> , 2019, 17, 10.	4.6	16
24	Bioactivity Screening of Antarctic Sponges Reveals Anticancer Activity and Potential Cell Death via Ferroptosis by Mycalols. <i>Marine Drugs</i> , 2021, 19, 459.	4.6	16
25	Aplysiopsenes: an additional example of marine polyketides with a mixed acetate/propionate pathway. <i>Tetrahedron Letters</i> , 2009, 50, 527-529.	1.4	15
26	The Marine Dinoflagellate <i>Alexandrium andersoni</i> Induces Cell Death in Lung and Colorectal Tumor Cell Lines. <i>Marine Biotechnology</i> , 2018, 20, 343-352.	2.4	15
27	Chemical Synthesis of Marine-Derived Sulfoglycolipids, a New Class of Molecular Adjuvants. <i>Marine Drugs</i> , 2017, 15, 288.	4.6	14
28	A Metataxonomic Approach Reveals Diversified Bacterial Communities in Antarctic Sponges. <i>Marine Drugs</i> , 2021, 19, 173.	4.6	14
29	Diastereoselective Colloidal Self-Assembly Affects the Immunological Response of the Molecular Adjuvant Sulfavant. <i>ACS Omega</i> , 2019, 4, 7807-7814.	3.5	13
30	Patatin-like lipolytic acyl hydrolases and galactolipid metabolism in marine diatoms of the genus <i>Pseudo-nitzschia</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 181-190.	2.4	13
31	Fermentation of Biodegradable Organic Waste by the Family Thermotogaceae. <i>Resources</i> , 2021, 10, 34.	3.5	13
32	Capnophilic Lactic Fermentation from <i>Thermotoga neapolitana</i> : A Resourceful Pathway to Obtain Almost Enantiopure L-lactic Acid. <i>Fermentation</i> , 2019, 5, 34.	3.0	12
33	Sequestered Fulvinol-Related Polyacetylenes in <i>Peltodoris atomaculata</i> . <i>Journal of Natural Products</i> , 2014, 77, 1678-1684.	3.0	11
34	Potent Cytotoxic Analogs of Amphidinolides from the Atlantic Octocoral <i>Stragulum bicolor</i> . <i>Marine Drugs</i> , 2019, 17, 58.	4.6	10
35	A New Bioassay Platform Design for the Discovery of Small Molecules with Anticancer Immunotherapeutic Activity. <i>Marine Drugs</i> , 2020, 18, 604.	4.6	10
36	First synthesis of parazoanthine-A and its O-Me derivative. <i>Tetrahedron Letters</i> , 2012, 53, 7083-7084.	1.4	9

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37	Dinoflagellate-Related Amphidinolides from the Brazilian Octocoral <i>Stragulum bicolor</i> . Journal of Natural Products, 2016, 79, 1881-1885.	3.0	9
38	Immunostimulatory Phosphatidylmonogalactosyldiacylglycerols (PGDG) from the Marine Diatom <i>Thalassiosira weissflogii</i> : Inspiration for a Novel Synthetic Toll-Like Receptor 4 Agonist. Marine Drugs, 2019, 17, 103.	4.6	9
39	Lipoxygenase Pathways in Diatoms: Occurrence and Correlation with Grazer Toxicity in Four Benthic Species. Marine Drugs, 2020, 18, 66.	4.6	9
40	Isolation of Chamigrene Sesquiterpenes and Absolute Configuration of Isoobtusadiene from the Brittle Star <i>Ophionereis reticulata</i> . Journal of Natural Products, 2017, 80, 3049-3053.	3.0	8
41	Preparation, Supramolecular Aggregation and Immunological Activity of the Bona Fide Vaccine Adjuvant Sulfavant S. Marine Drugs, 2020, 18, 451.	4.6	8
42	Identification of the Marine Alkaloid Lepadin A as Potential Inducer of Immunogenic Cell Death. Biomolecules, 2022, 12, 246.	4.0	8
43	Amphidinolide P from the Brazilian octocoral <i>Stragulum bicolor</i> . Revista Brasileira De Farmacognosia, 2015, 25, 600-604.	1.4	7
44	Exiguapyrone and exiguaone, new polypropionates from the Mediterranean cephalaspidean mollusc <i>Haminoea exigua</i> . Tetrahedron Letters, 2016, 57, 71-74.	1.4	7
45	Short Gram-Scale Synthesis of Sulfavant A. Organic Process Research and Development, 2020, 24, 2728-2733.	2.7	7
46	Sulfavant A as the first synthetic TREM2 ligand discloses a homeostatic response of dendritic cells after receptor engagement. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	7
47	Sterol Sulfates and Sulfotransferases in Marine Diatoms. Methods in Enzymology, 2018, 605, 101-138.	1.0	6
48	Identification and Synthesis of Mycalol Analogues with Improved Potency against Anaplastic Thyroid Carcinoma Cell Lines. Journal of Natural Products, 2017, 80, 1125-1133.	3.0	5
49	Olive oil from the 79 A.D. Vesuvius eruption stored at the Naples National Archaeological Museum (Italy). Npj Science of Food, 2020, 4, 19.	5.5	5
50	Identification of the hydantoin alkaloids parazoanthines as novel CXCR4 antagonists by computational and in vitro functional characterization. Bioorganic Chemistry, 2020, 105, 104337.	4.1	4
51	Improvement of CO ₂ and Acetate Coupling into Lactic Acid by Genetic Manipulation of the Hyperthermophilic Bacterium <i>Thermotoga neapolitana</i> . Microorganisms, 2021, 9, 1688.	3.6	4
52	Direct evidence of the impact of aqueous self-assembly on biological behavior of amphiphilic molecules: The case study of molecular immunomodulators Sulfavants. Journal of Colloid and Interface Science, 2022, 611, 129-136.	9.4	4
53	Terpenoid Content of the Antarctic Soft Coral <i>Alcyonium antarcticum</i> . Natural Product Communications, 2009, 4, 1934578X0900401.	0.5	3
54	Implementation in lipid extraction and analysis from phytoplankton: <i>Skeletonema marinoi</i> as case study. Marine Chemistry, 2021, 232, 103964.	2.3	3

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55	Probing the Therapeutic Potential of Marine Phyla by SPE Extraction. <i>Marine Drugs</i> , 2021, 19, 640.	4.6	3
56	Untargeted and Targeted LC-MS/MS Based Metabolomics Study on In Vitro Culture of <i>Phaeoacremonium</i> Species. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 55.	3.5	3
57	UHPLC-MS Method for the Analysis of the Molecular Adjuvant Sulfavant A. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1451.	2.5	1
58	Fractionation Protocol of Marine Metabolites. <i>Methods in Molecular Biology</i> , 2022, , 307-313.	0.9	1
59	Drugs from Marine Sources. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12115.	2.5	0